

ABSTRACT OF THE DISCLOSURE

The invention provide a tire vulcanizing apparatus which can reduce a time loss and can efficiently vulcanize and mold employing a tire loading apparatus for positively loading the green tire, and forming a moving unit in which the tire loading apparatus and the lower mold are integrally connected.

The tire vulcanizing apparatus is provided with a tire loading apparatus (2) which loads a green tire (T1) at a tire loading position (X1) and moves the green tire to a tire supplying position (X2), a tire elevating apparatus (5) which elevates at the tire supplying position so as to receive the green tire on the tire loading apparatus and sets the green tire to a lower mold (3), and an upper mold (6) which elevates at a tire vulcanizing position (X3) so as to vulcanize and mold the green tire with respect to the lower mold, the tire loading apparatus and the lower mold are simultaneously reciprocated between the respective positions by reciprocating a moving unit (1) in which the tire loading apparatus and the lower mold are integrally connected is formed.